

Remarks

Claims 1-6 are pending, with claims 1, 4, and 6 being in independent form.

Figure 1 of the drawings and the specification have been amended to address the Examiner's concerns, wherein reference numerals 24, 25, and 26 now represent the cellular network, Base Station Subsystems, and Mobile Switching Centre, respectively. The Examiner's approval of the changes is requested.

In the Office Action, claims 1-6 stand rejected for anticipation by International Publication No. 97/45814 to Vazan ("Vazan"). Each of these rejections is respectively traversed.

Claim 1 defines a method of interworking between a mobile terminal and a local service in which information is conveyed between the local service and the mobile terminal over a local wireless communication channel, that includes broadcasting from the local service, over the wireless communication channel, service notification messages and conducting a mobile terminal identification process between a mobile terminal and the local service over the wireless communication channel, said process only proceeding if the mobile terminal is present within a localised region which is a sub-region of the region over which said service notification messages are broadcast.

To support a rejection under 35 U.S.C. § 102, each and every feature of the claimed invention must be shown in a single prior art document. In re Paulsen, 30 F.3d 1475 (Fed. Cir. 1994); In re Robertson, 169 F.3d 743 (Fed. Cir. 1999). The pending claims positively recite limitations that are not disclosed (nor suggested) in the cited document.

Vazan does not disclose or suggest both "broadcasting from the local service, over the wireless communication channel, service notification messages" and "conducting a mobile terminal identification process between a mobile terminal and a local service over a wireless communication channel, said process only proceeding if the mobile terminal is present within a localised region which is a sub-region of the region over which said service notification messages are broadcast," as defined by claim 1.

The wireless communication channels of claim 1 are local wireless communication channels over which information is conveyed between the local

service and the mobile terminal. That is, the information is broadcast locally to and from the local service and the mobile terminal. The service notification messages are broadcast locally over a region (see area 9 in FIG. 2) and the mobile terminal identification process is carried out locally in a sub-region of the region over which the service notification messages are broadcast (see sub-area 10 in FIG. 2).

Vazan discloses two scenarios:

1. The mobile network sends payee information to a terminal via a base station, after which localized communication may be employed to complete the transaction; or
2. The payee information is sent to the terminal via localized communication, after which additional localized communication may be employed to complete the transaction.

According to the first scenario, the service notification messages are NOT broadcast locally over an area (i.e., via a local wireless communication channel), in contrast to claim 1. In contrast, a mobile network, base station, etc. is employed. Applicant's FIG. 1 of the specification and accompanying description on p. 4 clearly differentiate local communication RI1 from network communication RI2. Thus, under this scenario, Vazan does not disclose broadcasting service notification messages locally over a region.

According to the second scenario, the mobile terminal identification process is NOT carried out locally in a sub-region of the region over which the service notification messages are broadcast, again in contrast to claim 1. There is only one local area defined for each payee in Vazan. That is, Vazan does not disclose (or suggest) two local regions, one being a sub-region of the other, in contrast to claim 1. Put another way, Vazan uses the same coverage area in all functions (service identification, mobile terminal authentication, etc.) for local communications between the terminal and the payee, whereas claim 1 defines two different coverage areas, i.e. one coverage area for service notification messages and one, for example, for the mobile terminal identification.

Vazan fails to disclose both broadcasting service notification messages locally over a local region and broadcasting mobile terminal identification locally over a local sub-region of the service notification region.

Accordingly, since Vazan fails to disclose each and every feature of claim 1 for at least the above reasons, claims 1-3 are not anticipated by Vazan. Moreover, claims 4-6 are not anticipated by Vazan for at least the same reasons.

For the foregoing reasons, Applicant considers the application to be in condition for allowance and respectfully requests notice thereof at an early date. The Examiner is encouraged to telephone the undersigned at the below-listed number if, in the Examiner's opinion, such a call would aid in the examination of this application.

Respectfully submitted,

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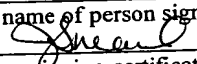
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Date: July 1, 2004

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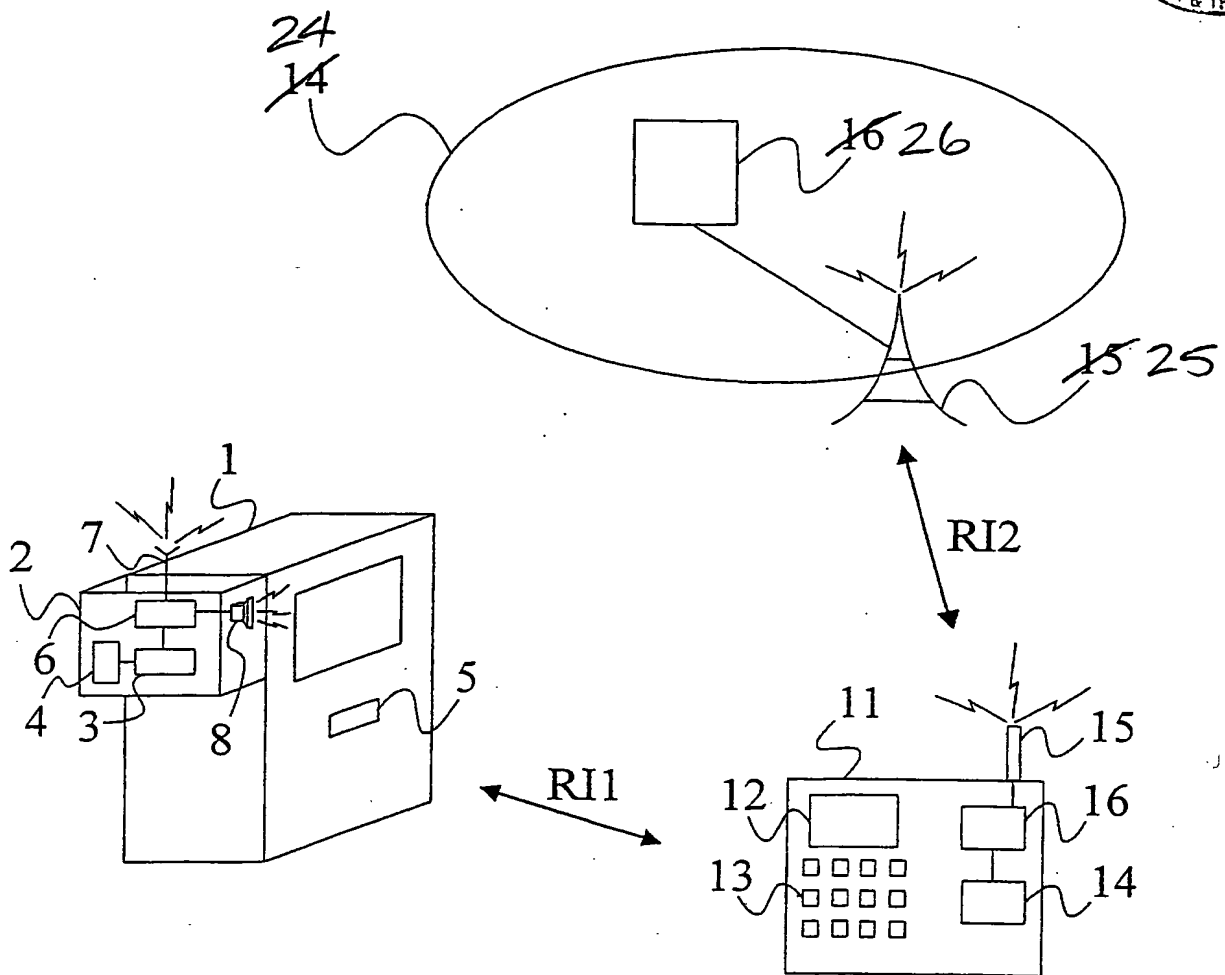


Figure 1

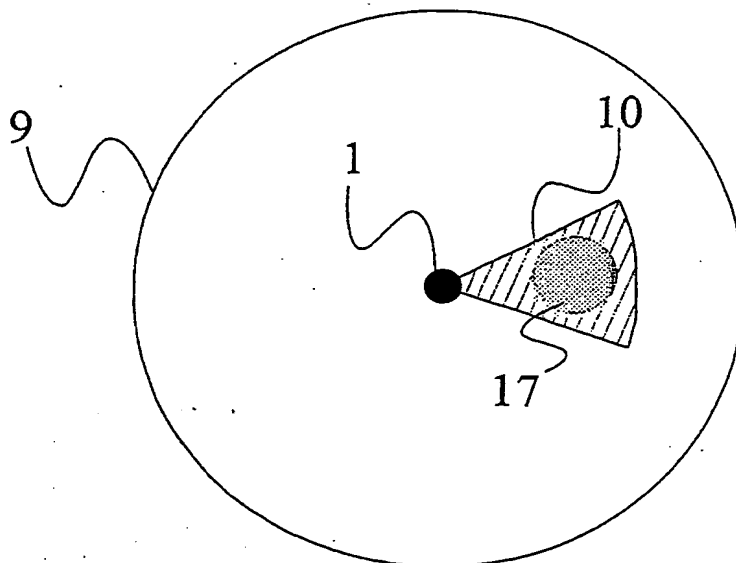


Figure 2